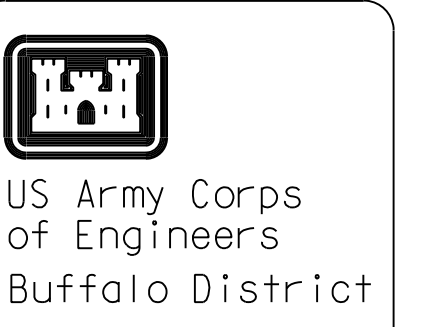


SAFETY PAYS



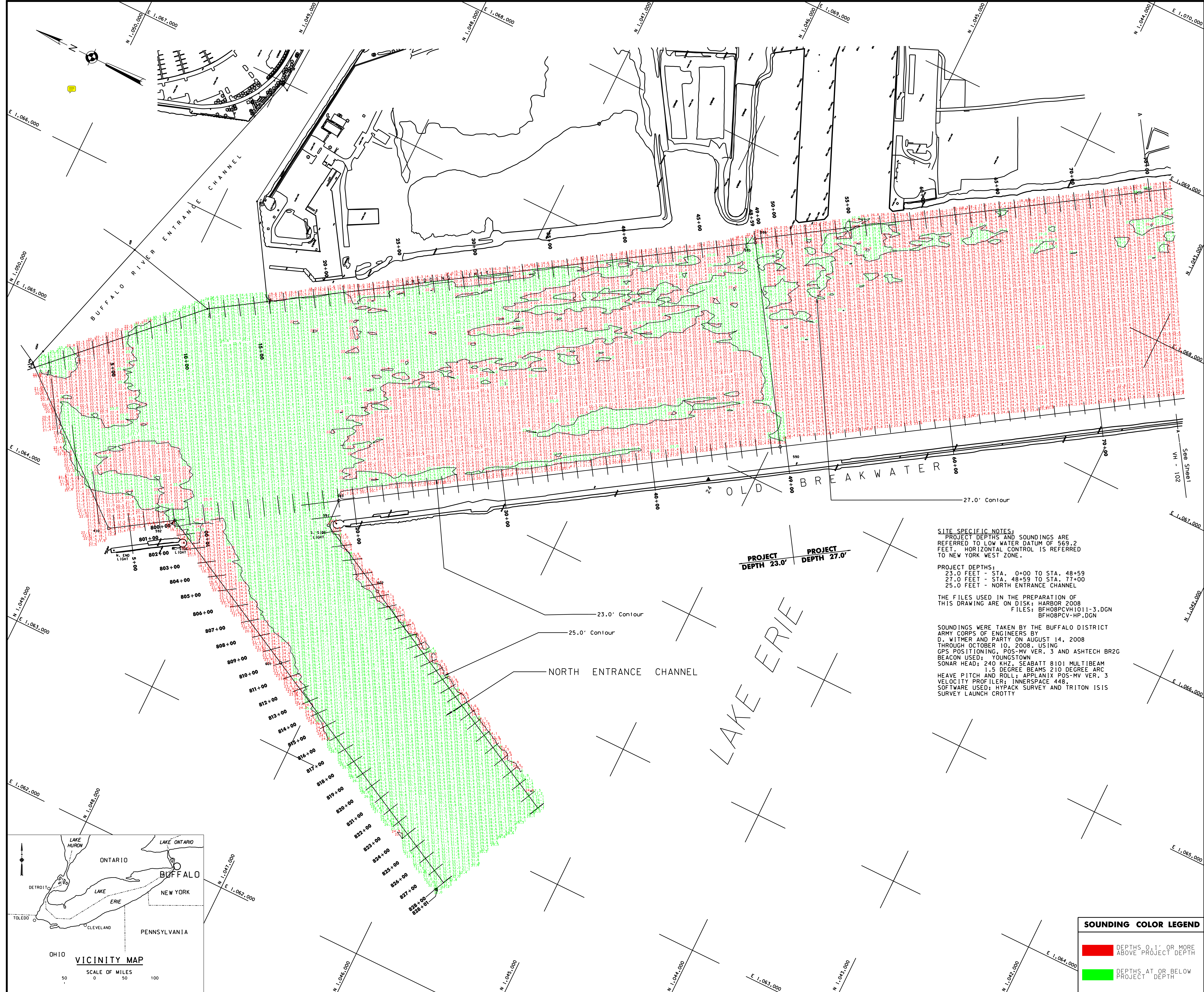
General Notes
The information depicted on this map represents the results of surveys made on the date indicated and can only be considered as indicating the general condition of that time. Unless otherwise noted on this map, all depths and soundings are in feet and are referred to the International Great Lakes Datum 1985 (IGLD 1985) and all horizontal positions are referred to the North American Datum 1983 (NAD83). See the Site Specific Notes area for appropriate details. To view a color version of this map, point a web browser to <http://www.lrp.usace.army.mil/atlswr/survey/survey.html>. This drawing was prepared using a CAD system. Scaling may be distorted.

Drawn by: CAD
Checked by:
Reviewed by:
Chief, Survey Unit
Approver:
Date:
Chief, NYPA Navigation and Maintenance Section

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207-3199

BUFFALO HARBOR, N.Y.
PROJECT CONDITION SOUNDINGS 2008
SCALE: 1" = 200'
50' 0' 100' 200'

Sheet reference number:
VH - 101
Sheet 1 of 3
085-BUF-11



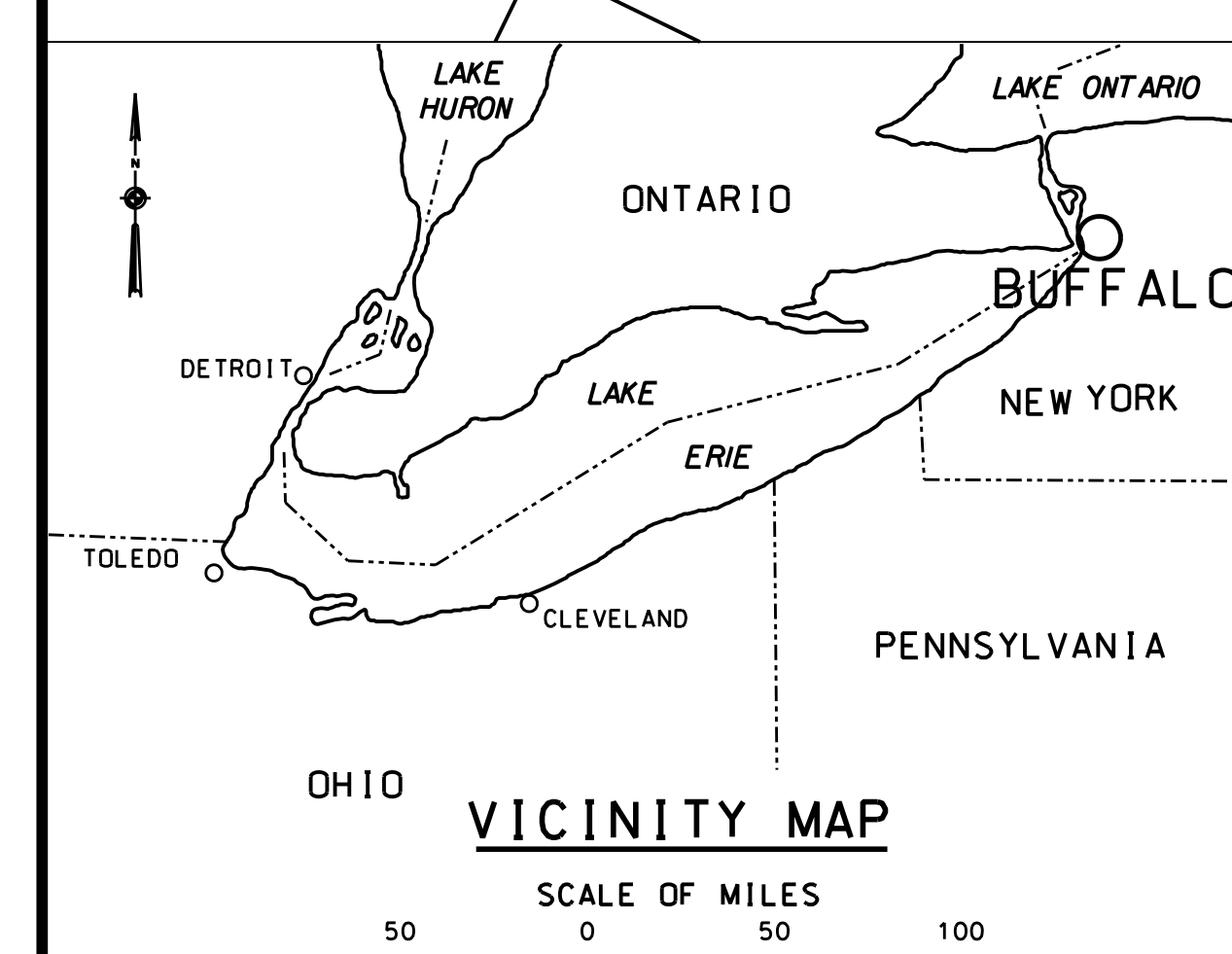
SITE SPECIFIC NOTES:
PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 569.2 FEET. HORIZONTAL CONTROL IS REFERRED TO NEW YORK WEST ZONE.

PROJECT DEPTHS:
23.0 FEET - STA. 0+00 TO STA. 48+59
27.0 FEET - STA. 48+59 TO STA. 77+00
25.0 FEET - NORTH ENTRANCE CHANNEL

THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE ON DISK: HARBOR 2008
FILES: BFH08PCVH1011-3.DGN
BFH08PCV-HP.DGN

SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. WITMER AND PARTY ON AUGUST 14, 2008 THROUGH OCTOBER 10, 2008, USING GPS POSITIONING, POS-MV VER. 3 AND ASHTECH BR2G BEACON USED; YOUNGSTOWN SONAR HEAD; 240 KHZ, SEABATT 8101 MULTIBEAM 1.5 DEGREE BEAMS 210 DEGREE ARC HEAVE PITCH AND ROLL; APPLANIX POS-MV VER. 3 VELOCITY PROFILER; INnerspace 448. SOFTWARE USED; HYPACK SURVEY AND TRITON ISIS SURVEY LAUNCH CROTTY

SOUNDING COLOR LEGEND
DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
DEPTHS AT OR BELOW PROJECT DEPTH



SUPPORT VALUE ENGINEERING - IT PAYS